PCT

RAW SEQUENCE LISTING   DATE: 07/23/2004
PATENT APPLICATION: US/10/501,660   TIME: 15:16:58

Input Set : **A:\PMB-0206SEQ.TXT**
Output Set: **N:\CRF4\07232004\J501660.raw**

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    5 <110> APPLICANT: Mondobiotech SA
    7 <120> TITLE OF INVENTION: Use of Compounds having the Biological Activity of
Vasoactive Intestinal
    8        Peptide for the Treatment of Chronic Obstructive Pulmonary Disease
   10 <130> FILE REFERENCE: PMB-0206 INT
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/501,660
C--> 12 <141> CURRENT FILING DATE: 2004-07-15
   12 <160> NUMBER OF SEQ ID NOS: 14
   14 <170> SOFTWARE: PatentIn version 3.1
   17 <210> SEQ ID NO: 1
   18 <211> LENGTH: 28
   19 <212> TYPE: PRT
   20 <213> ORGANISM: Homo Sapiens
   22 <400> SEQUENCE: 1
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   27 Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn
   28              20                  25
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   32 <212> TYPE: PRT
   33 <213> ORGANISM: Homo Sapiens
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   48 <211> LENGTH: 27
   49 <212> TYPE: PRT
   50 <213> ORGANISM: Homo Sapiens
   52 <400> SEQUENCE: 3
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   58              20                  25
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   62 <211> LENGTH: 10
   63 <212> TYPE: PRT
   64 <213> ORGANISM: Homo Sapiens
   66 <400> SEQUENCE: 4
   68 Arg Lys Gln Met Ala Val Lys Lys Tyr Leu
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Input Set : A:\PMB-0206SEQ.TXT
Output Set: N:\CRF4\07232004\J501660.raw

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74 <211> LENGTH: 23
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80 <222> LOCATION: (4) .. (8)
81 <223> OTHER INFORMATION: X is any naturally occuring amino acid residue
83 <400> SEQUENCE: 5
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88 Tyr Leu Asn Ser Ile Leu Asn
89              20
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 23
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 6
99 Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln Met Ala Val Lys Lys
100 1               5                    10                   15
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103              20
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107 <211> LENGTH: 18
108 <212> TYPE: PRT
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 7
113 Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln Met Ala Val Lys Lys
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116 Tyr Leu
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121 <211> LENGTH: 23
122 <212> TYPE: PRT
123 <213> ORGANISM: Homo Sapiens
125 <220> FEATURE:
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127 <222> LOCATION: (4) .. (5)
128 <223> OTHER INFORMATION: X is any naturally occuring amino acid residue
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138 1               5                    10                   15
140 Met Ala Val Lys Lys Tyr Leu
141              20
144 <210> SEQ ID NO: 9
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145 <211> LENGTH: 23
146 <212> TYPE: PRT
147 <213> ORGANISM: Homo sapiens
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160 <212> TYPE: PRT
161 <213> ORGANISM: Homo sapiens
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168 Met Ala Val Lys Lys Tyr Leu
169             20
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175 <213> ORGANISM: Homo Sapiens
177 <220> FEATURE:
178 <221> NAME/KEY: MISC_FEATURE
179 <222> LOCATION: (4) .. (5)
180 <223> OTHER INFORMATION: X is any naturally occuring amino acid residue
182 <220> FEATURE:
183 <221> NAME/KEY: MISC_FEATURE
184 <222> LOCATION: (9) .. (13)
185 <223> OTHER INFORMATION: X is any naturally occuring amino acid residue
187 <220> FEATURE:
188 <221> NAME/KEY: MISC_FEATURE
189 <222> LOCATION: (24) .. (28)
190 <223> OTHER INFORMATION: X is any naturally occuring amino acid residue
192 <400> SEQUENCE: 11
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197 Met Ala Val Lys Lys Tyr Leu Xaa Xaa Xaa Xaa Xaa
198             20                  25
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202 <211> LENGTH: 38
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208 <222> LOCATION: (4) .. (5)
209 <223> OTHER INFORMATION: X is any naturally occuring amino acid residue
211 <220> FEATURE:
212 <221> NAME/KEY: MISC_FEATURE
213 <222> LOCATION: (9) .. (13)
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        Input Set : A:\PMB-0206SEQ.TXT
        Output Set: N:\CRF4\07232004\J501660.raw

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      216 <220> FEATURE:
      217 <221> NAME/KEY: MISC_FEATURE
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      219 <223> OTHER INFORMATION: X is any naturally occuring amino acid residue
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      224 1               5                  10                 15
      226 Met Ala Val Lys Lys Tyr Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
      227             20              25                 30
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      230         35
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      236 <212> TYPE: PRT
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      246 <210> SEQ ID NO: 14
      247 <211> LENGTH: 3
      248 <212> TYPE: PRT
      249 <213> ORGANISM: Homo sapiens
      251 <400> SEQUENCE: 14
      253 His Ser Asp
      254 1
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 07/23/2004
PATENT APPLICATION: US/10/501,660   TIME: 15:16:59

Input Set : **A:\PMB-0206SEQ.TXT**
Output Set: **N:\CRF4\07232004\J501660.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 4,5,6,7,8
Seq#:8; Xaa Pos. 4,5,9,10,11,12,13
Seq#:11; Xaa Pos. 4,5,9,10,11,12,13,24,25,26,27,28
Seq#:12; Xaa Pos. 4,5,9,10,11,12,13,24,25,26,27,28,29,30,31,32,33,34,35,36
Seq#:12; Xaa Pos. 37,38

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 7

VERIFICATION SUMMARY   DATE: 07/23/2004
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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
M:341 Repeated in SeqNo=11
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
M:341 Repeated in SeqNo=12
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